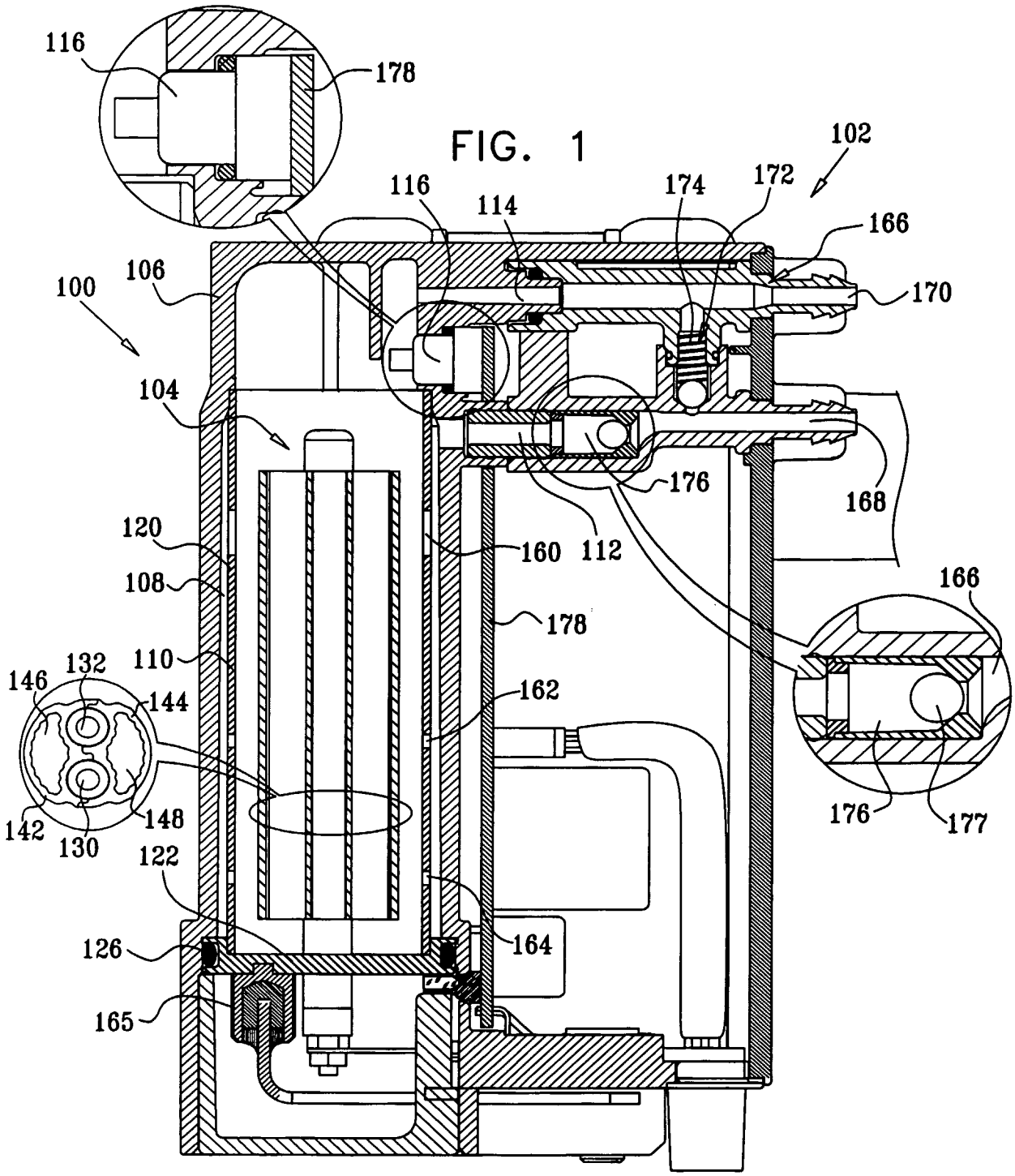
FIG. 1


116
178
102
116
114
174
172
166
106
100
170
104
176
168
120
160
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166
108
178
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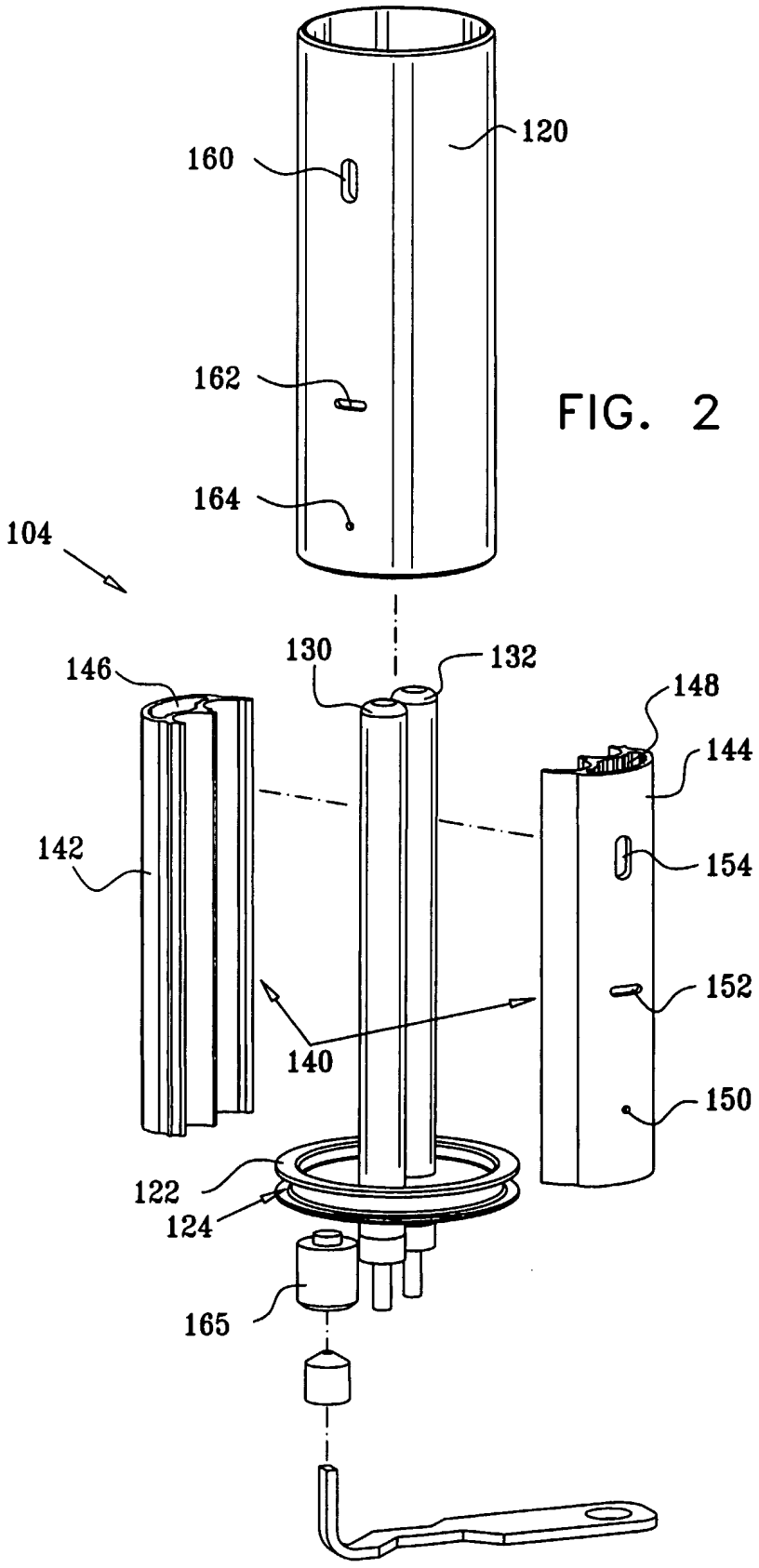
132
146
162
144
148
142
130
122
126
164
165
176
177


160
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162
164
104
146
130
132
148
144
142
154
152
140
150
122
124
165

FIG. 2

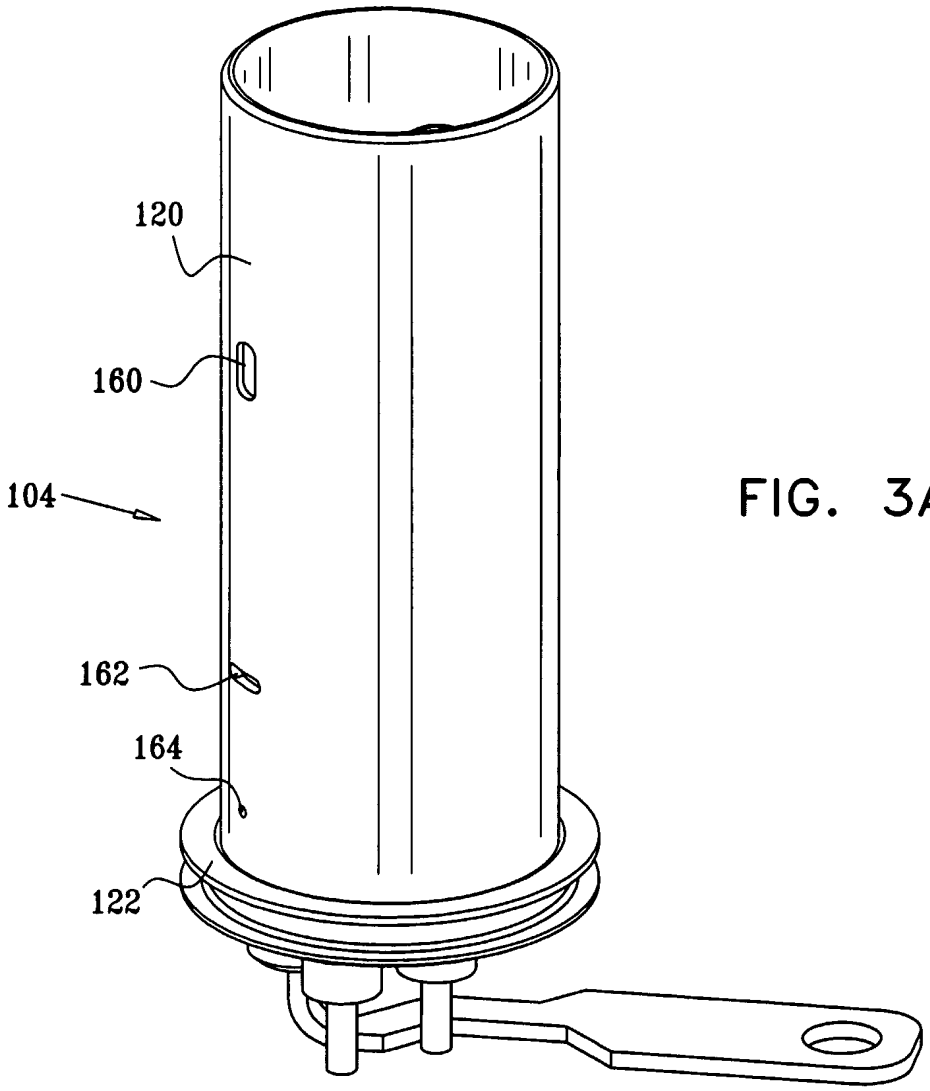


FIG. 3A

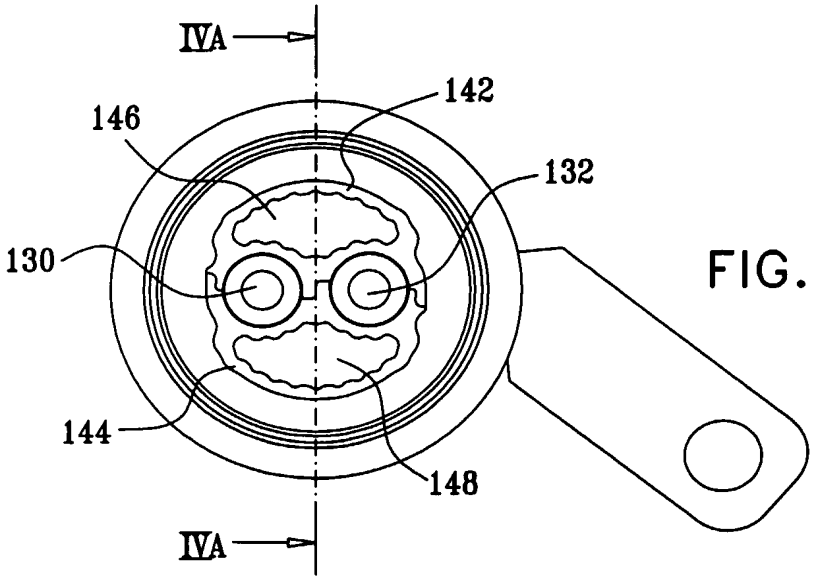
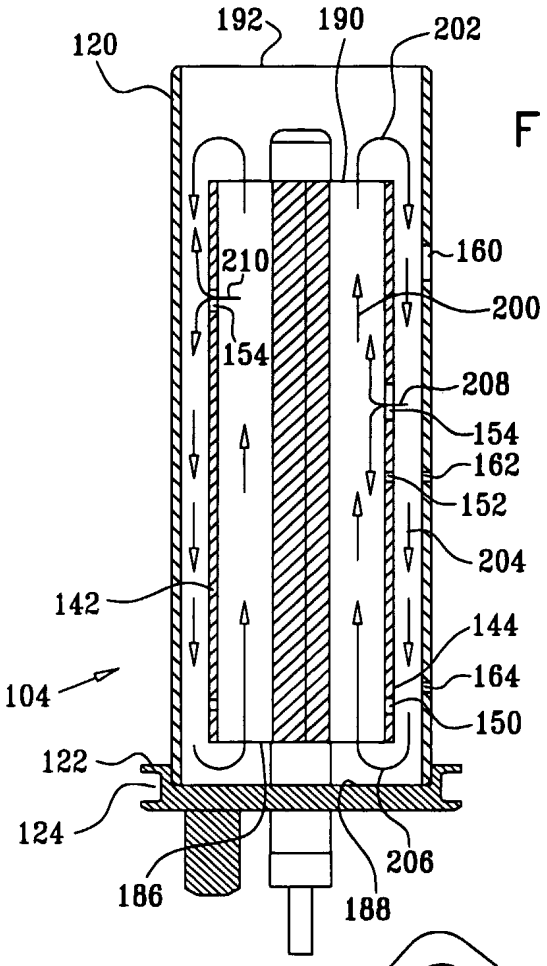


FIG. 3B


192
190
202
120
160
210
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154
208
154
162
152
204
142
144
104
164
150
122
124
206
186
188

FIG. 4A

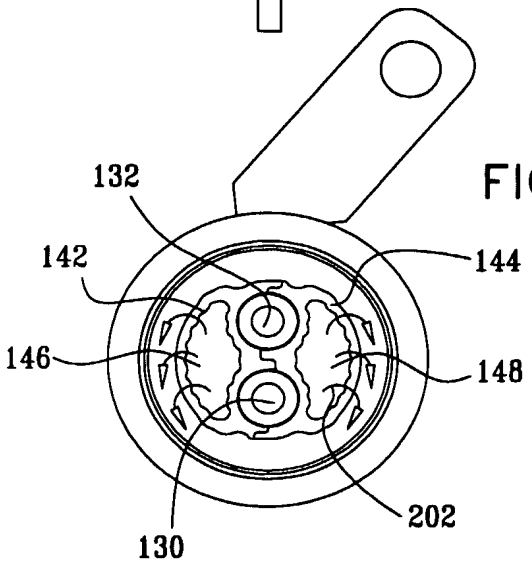

132
142
144
146
148
202
130

FIG. 4B

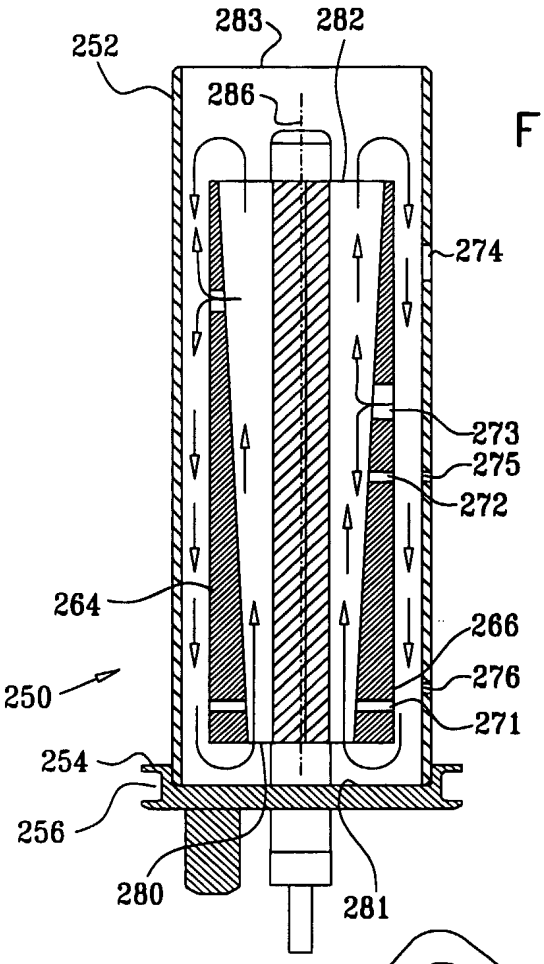

283
282
252
286
274
273
275
272
264
266
276
250
271
254
256
280
281

FIG. 5A

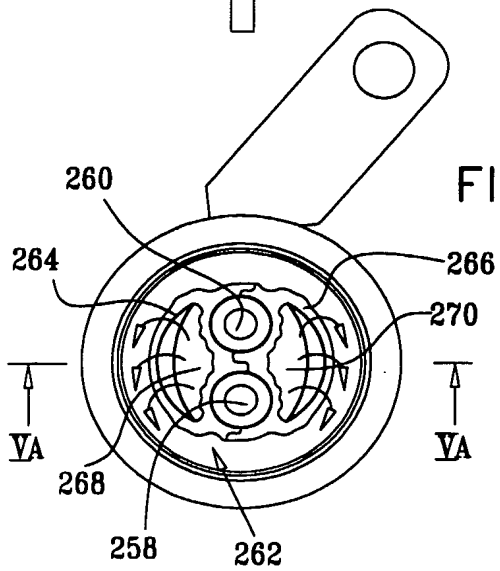

260
264
266
270
VA
VA
268
258
262

FIG. 5B

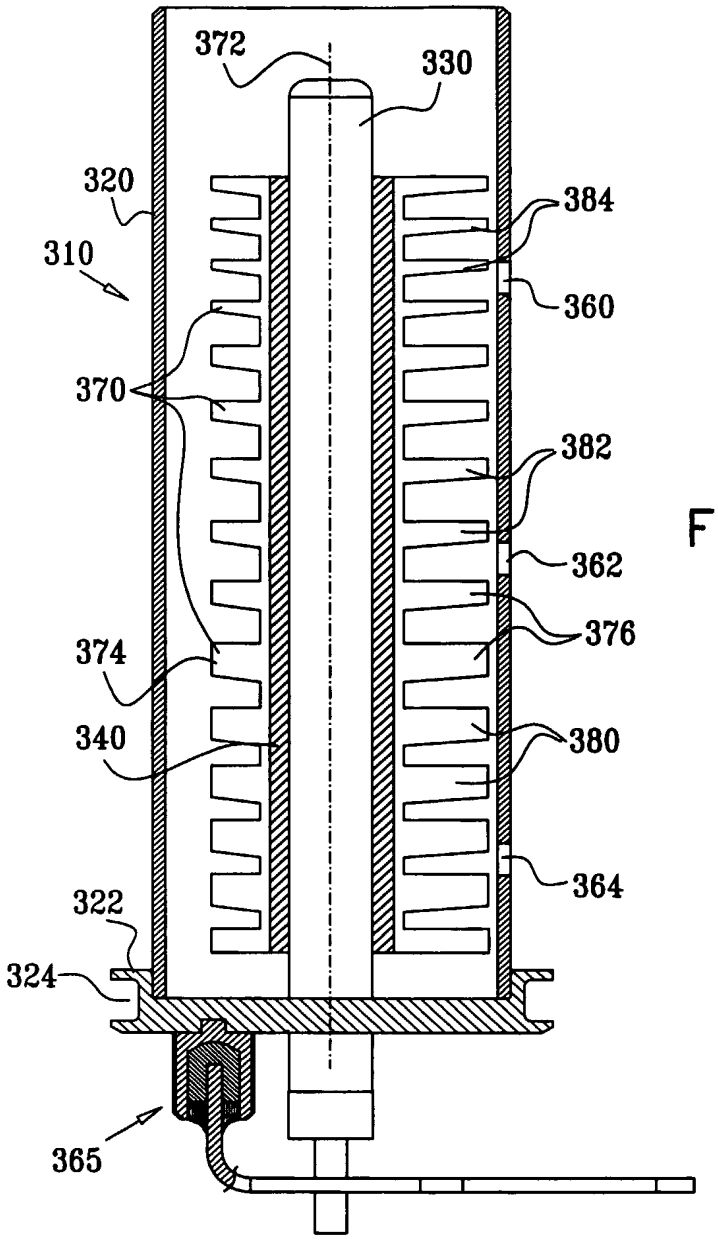
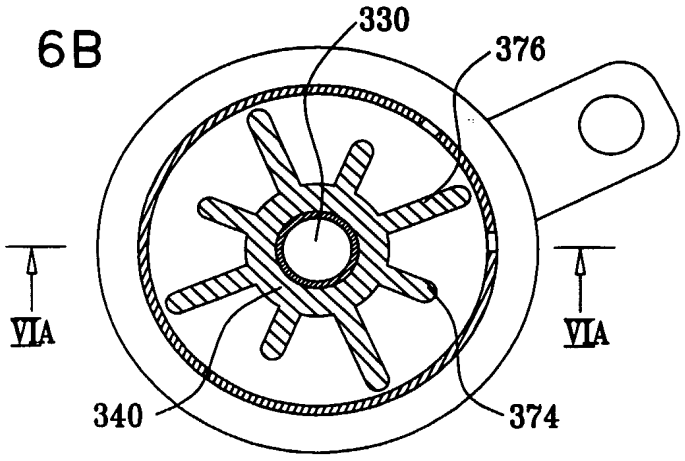

372
330
320
384
310
360
370
382
362
376
374
340
380
364
322
324
365

FIG. 6A

FIG. 6B


330
376
VIA
VIA
340
374

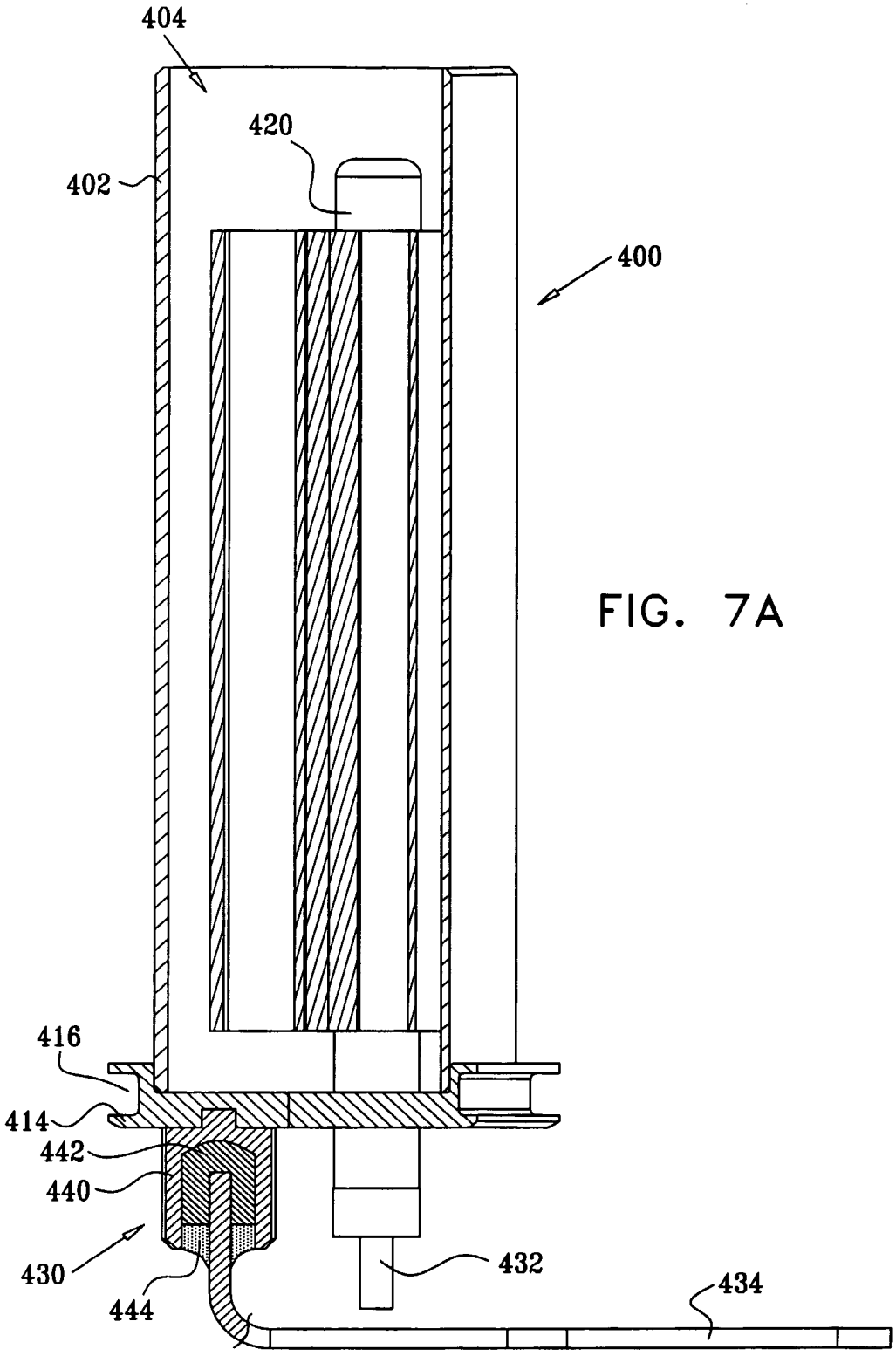


FIG. 7A

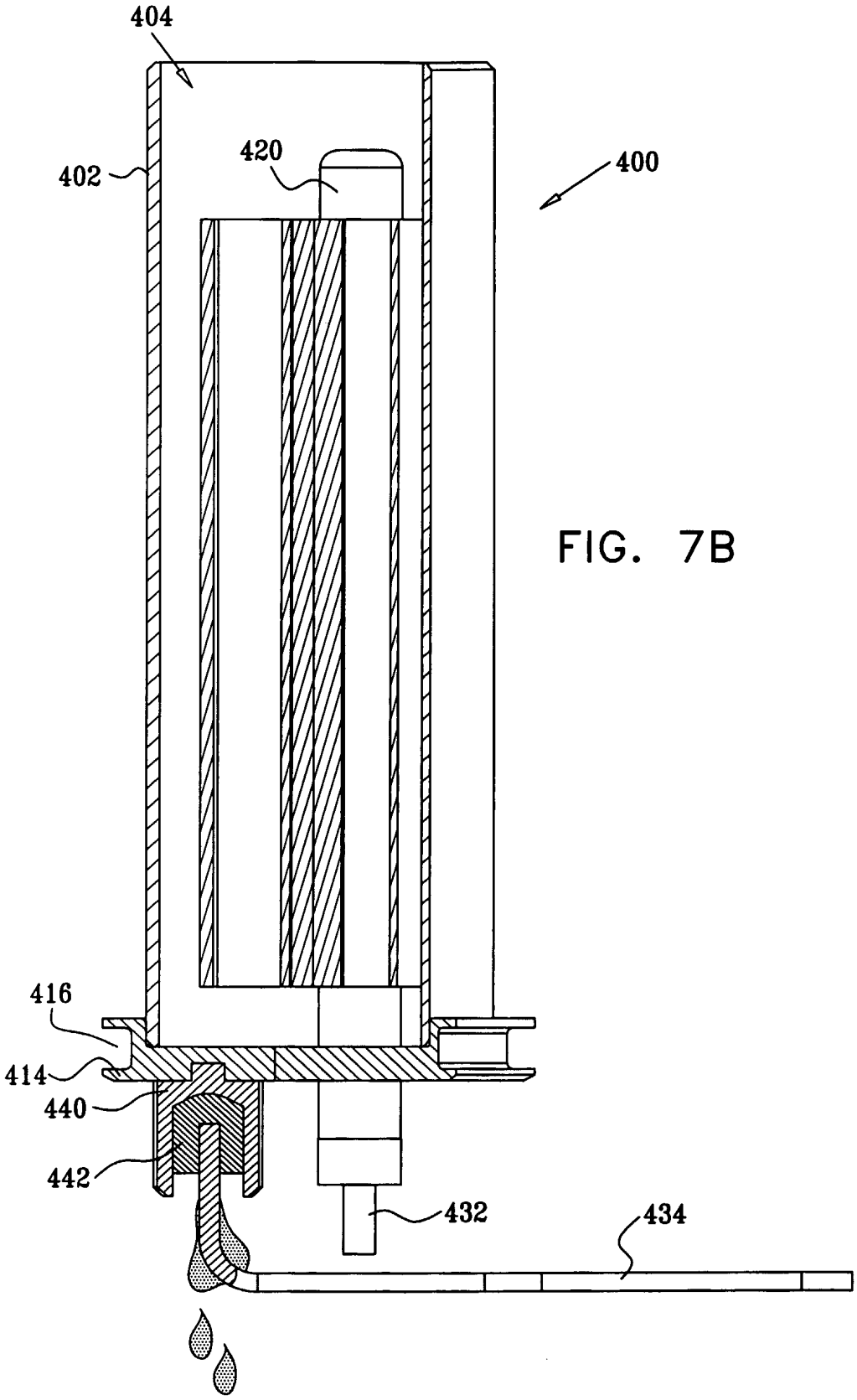
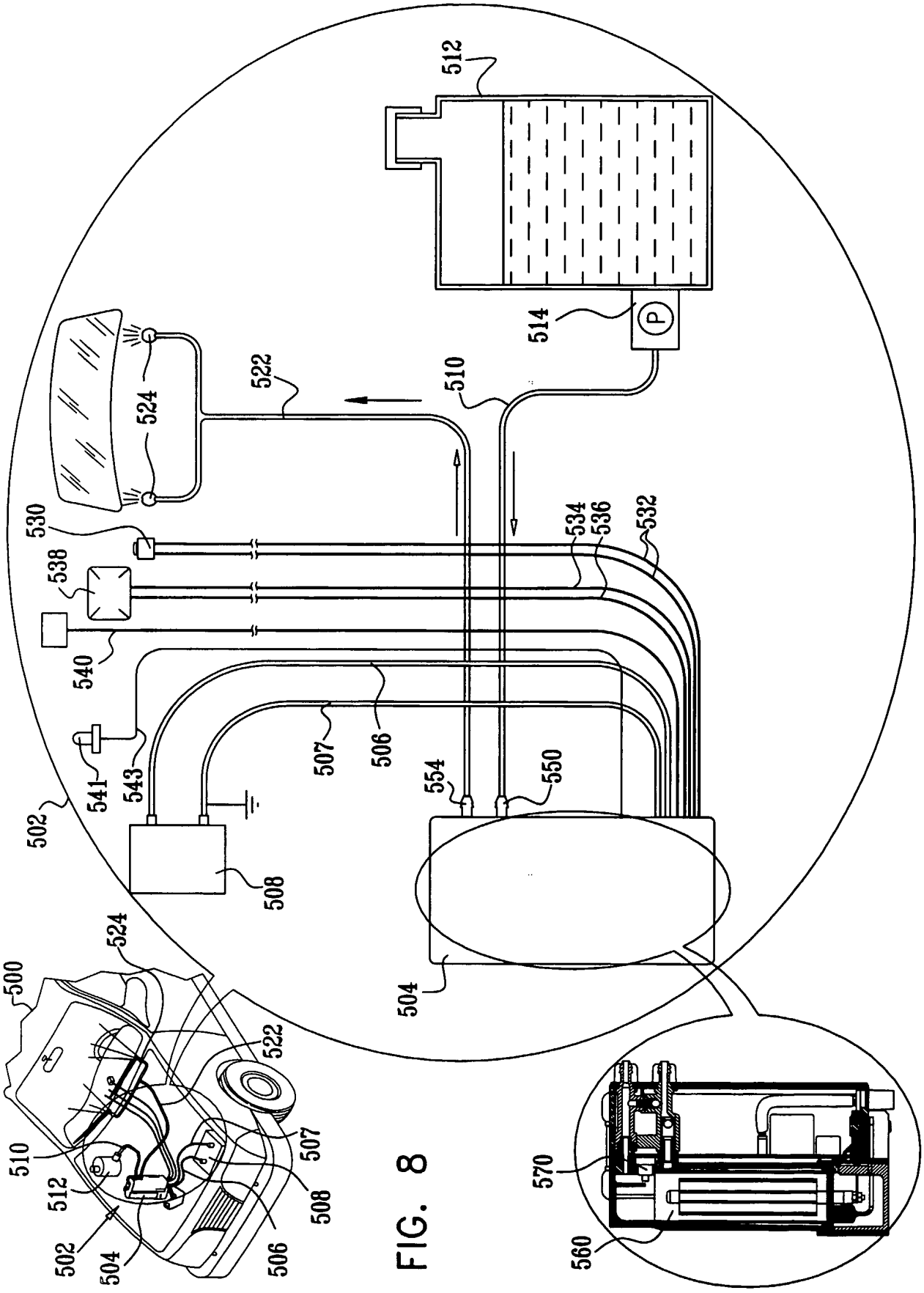


FIG. 7B


512
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522
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530
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FIG. 8

FIG. 9

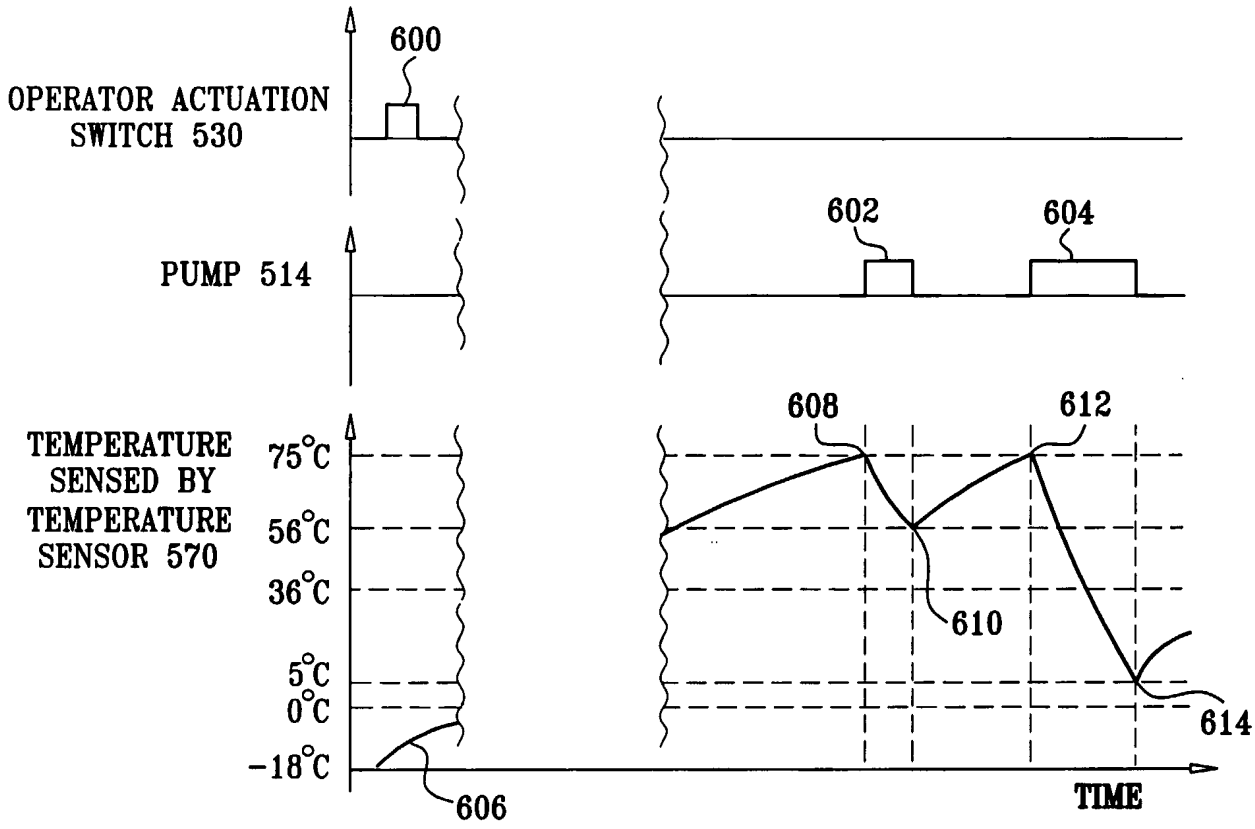
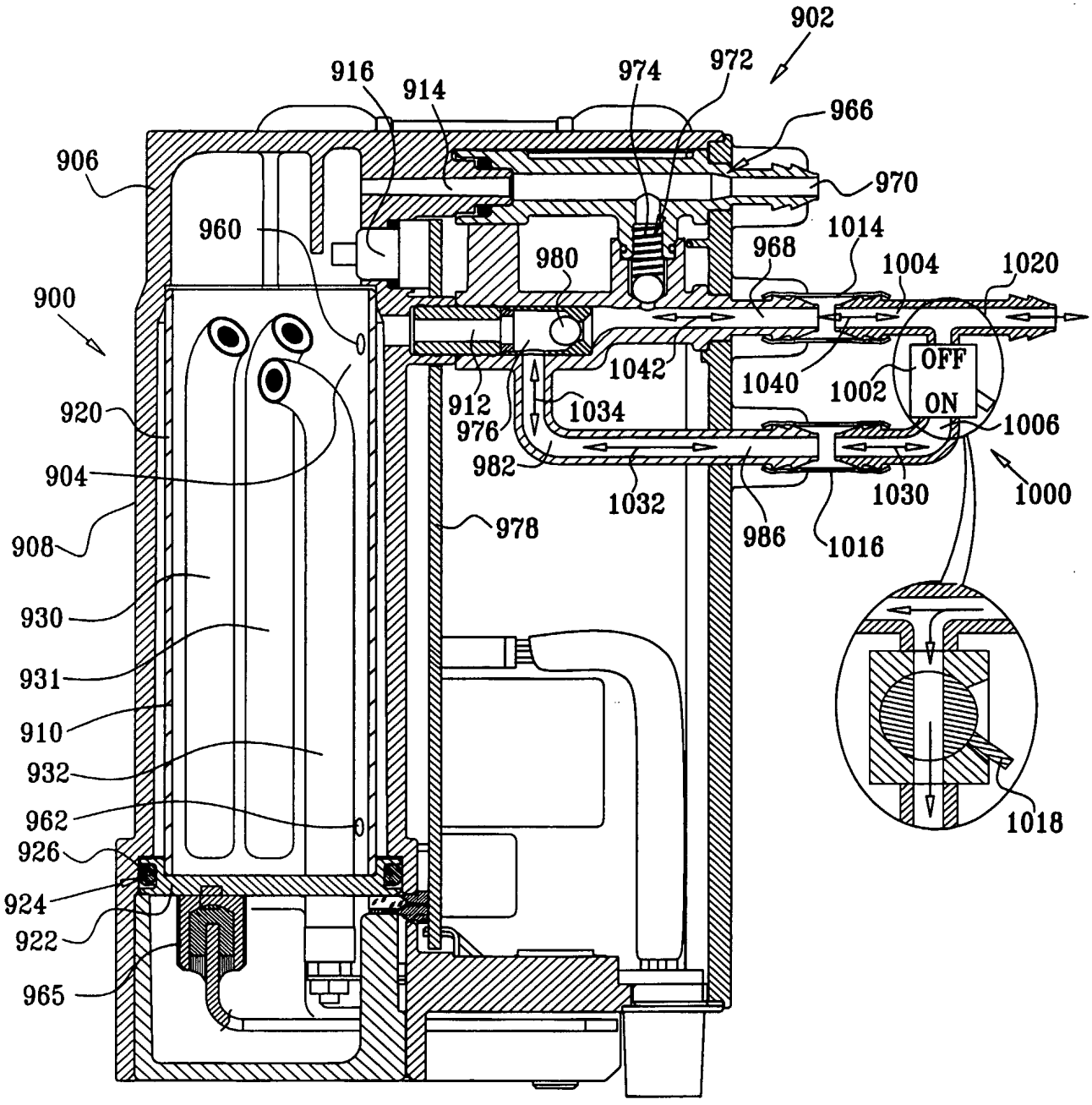

600
OPERATOR ACTUATION SWITCH 530
602
604
PUMP 514
608
612
TEMPERATURE SENSED BY TEMPERATURE SENSOR 570
75°C
56°C
36°C
5°C
0°C
-18°C
610
614
606
TIME

FIG. 10A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916
914
974
972
966
906
970
960
980
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1014
1004
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900
1042
1040
1002
OFF
ON
912
976
1034
1006
920
904
982
1032
1030
1000
908
978
986
1016
930
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910
932
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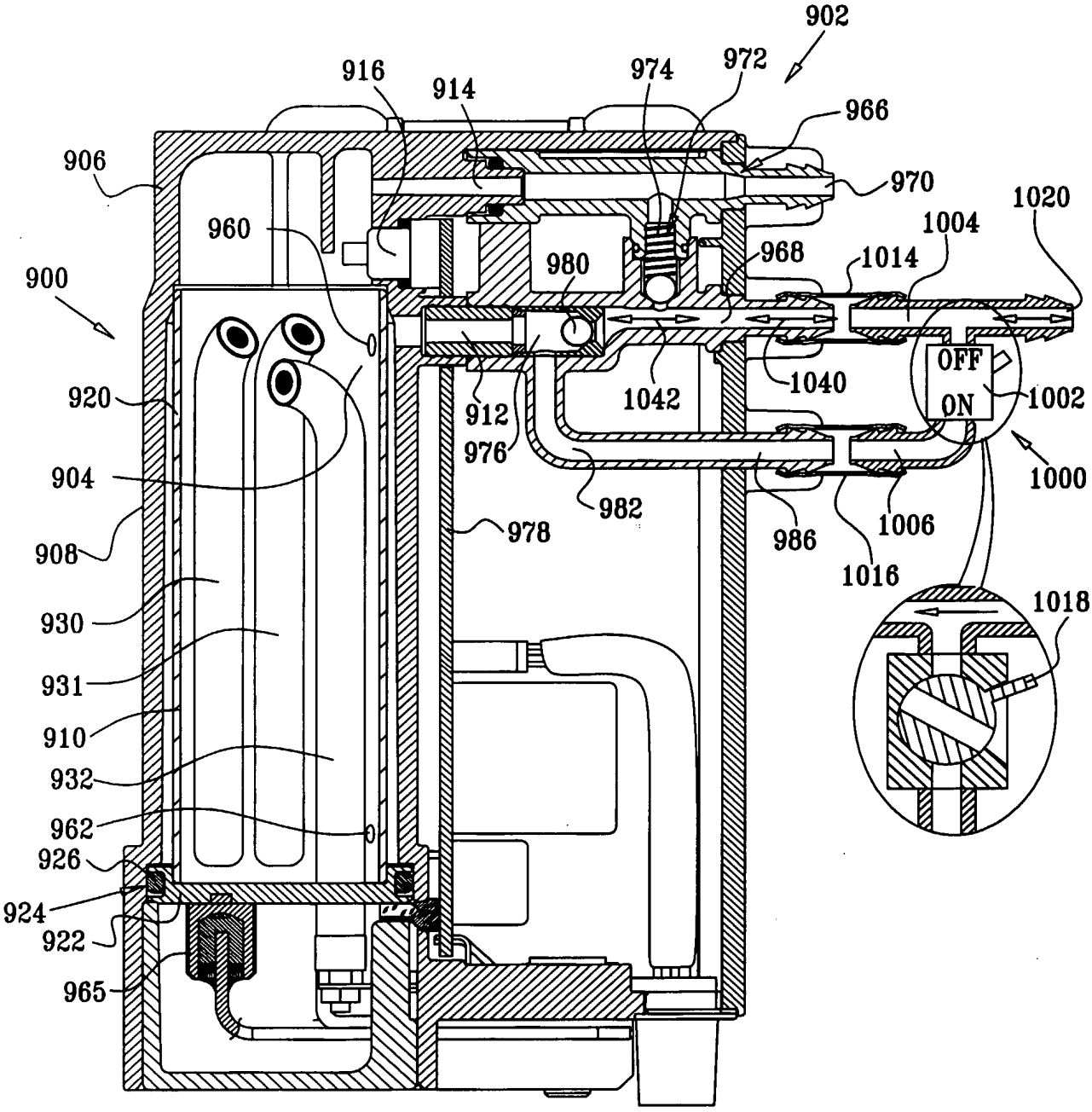
926
924
922
965
1018

FIG. 10B


902
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